Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-12. (Canceled).

13. (Currently Amended) A method for use in a wireless communication unit for transferring voice and non-voice data ~~in a wireless communication system~~, the method comprising:

receiving~~, during a time period,~~ a voice data ~~block~~ associated with a first logical channel during a time period [[,]] when the voice data ~~block~~ is present in a wireless channel set ~~during a time period~~, wherein the wireless channel set comprises at least one wireless channel or a plurality of wireless channels;

receiving a non-voice data ~~block~~ associated with a second logical channel during the time period [[,]] when the non-voice data ~~block~~ is present in the wireless channel set ~~during the time period~~, wherein the wireless channel set is associated with ~~a~~ the communication ~~subscriber~~ unit, and inserting information into the non-voice data when the non-voice data ~~block~~ is missing in the wireless channel set~~,~~ ~~information is inserted into a non-voice block~~; and

processing the information in the non-voice data ~~block~~.

14. Canceled.

15. (Previously Presented) The method of claim 13, wherein the wireless channel set is in a same spectrum.

16. (Previously Presented) The method of claim 14, wherein the wireless channel set is CDMA channels.

17. (Previously Presented) The method of claim 14, wherein the wireless channel set is frequency hopped channels.

18. (Currently Amended) The method of claim 13, wherein control data is multiplexed with the voice data ~~block~~ ~~and~~ or the non-voice data ~~block~~, the wireless channel set including the multiplexed control data.

19. (Currently Amended) The method of claim 13, wherein the non-voice data ~~block~~ is phase shift keying modulated.

20. (Currently Amended) The method of claim 13, further comprising:

convolutionally decoding the voice data ~~block~~ with a first convolutional decoder; and

convolutionally decoding the non-voice data ~~blocks~~ with a second convolutional decoder.

21. (Currently Amended) The method of claim 20, further comprising:

processing the voice data ~~block~~ as a first channel having a first data rate; and

processing the non-voice data ~~block~~ as a second channel having a second data rate different than the first data rate.

22. (Currently Amended) The method of claim 21 ~~20~~, further comprising:

processing data ~~blocks~~ for transmission;

amplifying the processed data ~~blocks~~ with a power amplifier; and

transmitting the amplified processed data ~~blocks~~ with a radio frequency section.

23. (Currently Amended) A wireless communication unit comprising:

circuitry configured to receive a voice data ~~block~~ associated with a first logical channel, the circuitry further being configured to receive a non-voice data ~~block~~ associated with a second logical channel, the voice data~~-block~~ and non-voice data ~~block~~ being carried by a wireless channel set during a time period, wherein the wireless channel set comprises at one wireless channel or a plurality of wireless channels, wherein the wireless channel is associated with a ~~subscriber~~ communication unit; and

circuitry configured to insert information into a non-voice data ~~block~~, when the non-voice data ~~block~~ is missing in the wireless channel set during the time period.

24. Canceled.

25. (Previously Presented) The wireless communication unit of claim 24, wherein the wireless channel set is in a same spectrum.

26. (Previously Presented) The wireless communication unit of claim 24, wherein the wireless channel set is CDMA channels.

27. (Previously Presented) The wireless communication unit of claim 24, wherein the wireless channel set is frequency hopped channels.

28. (Currently Amended) The wireless communication unit of claim 23, comprising circuitry configured to multiplex control data with the voice data ~~block~~ and non-voice data ~~block~~, such that the wireless channel set includes the multiplexed control data.

29. (Currently Amended) The wireless communication unit of claim 23, wherein the non-voice data ~~block~~ is phase shift keying modulated.

30. (Currently Amended) The wireless communication unit of claim 23, further comprising:

a first convolutional decoder configured to convolutionally decode the voice data ~~blocks~~; and

a second convolutional decoder configured to convolutionally decode the non-voice data ~~blocks~~.

31. (Currently Amended) The wireless communication unit of claim 30, wherein the circuitry configured to receive the voice and non-voice ~~blocks~~ is configured to process the voice data ~~block~~ as a first channel having a first data rate and process the non-voice data ~~block~~ as a second channel having a second data rate different than the first data rate.

32. (Currently Amended) The wireless communication unit of claim 31 ~~30~~, further comprising:

circuitry that processes data ~~blocks~~ for transmission;

a power amplifier configured to amplify the processed data ~~blocks~~; and

a radio frequency circuit that transmits the amplified processed data ~~blocks~~.